Minimum System Requirements

Windows® and Macintosh® Requirements

- 300MB of available hard disk space (800MB recommended)
- CD-ROM drive (4x or faster)
- Available USB or IEEE 1394 connection port and device drivers
- USB 1.1/2.0 compatible operating system and applications (USB 2.0 recommended for optimum performance)
- 128MB RAM (256MB recommended)

Additional Windows Requirements

- PC with Pentium® equivalent or higher processor
- USB 1.1: Windows 98SE (factory installed), Windows 2000 Professional (factory installed or upgraded from Windows 98 factory installed), Windows Me (factory installed) or XP Home Edition/XP Professional (factory installed or upgraded from factory installed Windows 98/2000/Me)
- USB 2.0: Windows 2000 Professional (factory installed or upgraded from Windows 98 factory installed), Windows Me (factory installed) or XP Home Edition/XP Professional (factory installed or upgraded from factory installed Windows 98/2000/Me)
- IEEE 1394 (FireWire): Windows 2000 Professional (factory installed), Windows Me (factory installed) or XP Home Edition/XP Professional (factory installed or upgraded from factory installed Windows 98/2000/Me)

Additional Macintosh Requirements

- iMac®, or any G3, G4 or G5 with built-in USB
- USB 1.1: Mac OS X 10.2 or later
- USB 2.0: Mac OS X 10.2.7 or later
- IEEE 1394 (FireWire): Mac OS X 10.2 or later

Designed for Microsoft® Windows® XP · Mac · Built for Mac OS X · FireWire · Hi-Speed USB · digital ICE technology

EPSON COLOR SCANNER PERFECTION® 4990 PHOTO/PRO

SPECIFICATIONS

Scanner Type
Flatbed color image scanner

Photoelectric Device
Epson MatrixCCD™ line scanner

Maximum Scan Area
8.5" x 11.7" (216mm x 297mm)

Optical Resolution
4800 dpi

Hardware Resolution
4800 x 9600 dpi maximum with Micro Step Drive™ technology

Maximum Resolution
12,800 x 12,800 dpi with software interpolation

Effective Pixels
40,800 x 56,160 pixels (4800 dpi)

Color Depth
48-bit internal/48-bit external*

Grayscale Depth
16-bit internal/16-bit external*

Optical Density
4.0 Dmax

Scaling (zoom)
50% to 200% (1% step)

Interface
USB 1.1/2.0, IEEE 1394 (FireWire)

Light Source
White cold cathode fluorescent lamp

Scanning Speed (4800 dpi, high-speed mode)

Monochrome	12.3 msec/line (approx.)
Full color	12.3 msec/line (approx.)

Included Software

Epson Perfection 4990 Photo
- Epson Scan
- Epson Copy Utility
- LaserSoft Imaging SilverFast SE 6.0
- Adobe Photoshop Elements
- ABBYY FineReader Sprint OCR

Epson Perfection 4990 Pro
- Epson Scan
- Epson Copy Utility
- LaserSoft Imaging SilverFast Ai 6 (full version)
- Adobe Photoshop Elements
- ABBYY FineReader Sprint OCR
- MonacoEZcolor 2.6
- ArcSoft PhotoBase
- ArcSoft PhotoStudio
- ArcSoft PanoramaMaker

Warranty
One-year limited warranty in U.S. and Canada

* External bit depth is selectable to 48-bits/16-bits depending on the image editing software

EPSON

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada, Ltd.
3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5

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EPSON COLOR SCANNER PERFECTION® 4990 PHOTO/PRO

Quality performance. Precision detail.

With image quality that rivals that of a dedicated film scanner, plus the flexibility of a flatbed scanner, all in one affordable product, the Epson Perfection 4990 Photo and 4990 Pro each deliver the ultimate digital scanning solution.

These powerful performers can batch scan multiple slides as well as negatives and photos. And, with the built-in transparency unit, they accommodate film up to 8x10. Housed in a sleek outer case with an illuminated scan progress indicator, these scanners deliver intricate detail, due to an astounding 4800 x 9600 dpi resolution, 48-bit color depth, and 4.0 Dmax.

And, both models easily restore faded or damaged film and photos with Epson Easy Photo Fix™ and DIGITAL ICE™ technology. Each model incorporates leading-edge technology, plus high-speed connectivity options at an affordable price.

Epson Perfection 4990 Photo
Epson Perfection 4990 Pro

Scanner Technology

Key Features

- Scan images with precision quality and detail
  - Consistently delivers superior results with 4800 x 9600 dpi resolution
- Get high-quality scans, even from negatives and transparencies
  - Offers 48-bit color depth and up to 4.0 Dmax for smooth gradations and intricate shadow detail
- Automatically correct an image when scanning damaged film and photos
  - DIGITAL ICE technology automatically corrects dust and scratches on film; plus tears, folds or creases on photos
- Scan transparencies as large as 8x10
  - Built-in transparency unit with moving light source can batch scan up to twenty-four 35mm negatives
  - Provides an illuminated scan progress indicator as part of its sleek design
- Automatically restore faded color photos
  - Innovative Epson Easy Photo Fix technology offers automatic color restoration and dust removal features
- Speed through every scan
  - Includes Hi-Speed USB 2.0 and FireWire® (IEEE 1394) connectivity

DIGITAL ICE technology

State-of-the-art DIGITAL ICE technology facilitates brilliant restorations of scratched or torn originals.

digital ICE technology

Before DIGITAL ICE

After DIGITAL ICE

Before

After

One-touch Color Restoration

Epson Easy Photo Fix technology makes color restoration easier than ever. With one quick touch, it automatically scans and restores faded photos and transparencies.

The Pro Advantage

With a host of professional software titles, the Epson Perfection 4990 Pro models offer expansive color management features. Its advanced controls ensure easy image corrections for ultimate results every time.

LaserSoft Imaging™ SilverFast® Ai 6

This powerful graphics program gives you control over highlights, shadows, sharpness and gradations, as well as selective or global color settings.

MonacoEZcolor™ 2.6

This color management software makes it easy to build ICC profiles for your scanner and printer, ensuring accurate, consistent color between images. It includes IT8 targets for both film and photos.

Adobe® Photoshop® Elements

Prepare digital images for print, e-mail, or posting on the web using state-of-the-art image editing tools

ABBYY® FineReader® Sprint OCR

Edit documents with highly accurate character recognition and text handling capabilities

ArcSoft® PhotoBase™

The perfect solution to manage and organize your digital photos

ArcSoft PhotoStudio®

Full 48-bit photo editing/retouching software with image enhancement tools, a user-friendly interface, and convenient customizable features

ArcSoft PanoramaMaker™

A fun, easy way to combine images and create brilliant panoramic photos